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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/001,882	11/16/2001	Byoung Jin Park	2598/0K012	3410

7590 05/22/2003
DARBY & DARBY P.C.
805 Third Avenue
New York, NY 10022

EXAMINER

BERCK, KENNETH A

ART UNIT	PAPER NUMBER
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2879

DATE MAILED: 05/22/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/001,882

Applicant(s)

PARK, BYOUNG JIN. 

Examiner

Ken A Berck

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Shim (5777699).

Regarding claim 1, Shim discloses (fig 3) a deflection yoke with a coil separator having a screen portion coupled to the screen, a rear cover and a neck portion extending from a central surface of the rear cover, horizontal and vertical deflection coils provided in the inner and outer peripheries of the coil separator, a printed circuit board coupled to the rear cover of the coil separator and having a number of slide grooves with a certain size of separator piece in an upper part, the slide grooves being connected to an edge and a plurality of through-holes at a certain interval under the slide grooves, upper hook pieces (fig 8) projected from a side of the rear cover, each having a rib at one end contacting one side of the circuit board and a protrusion for penetrating one of the slide grooves, lower hook pieces provided at one side of the upper hook pieces, each having a rib and protrusion, anti-release means (3, 5A-C).

Regarding claim 2, Shim discloses (4d) the anti-release means are anti-release fitting lugs.

Regarding claim 3, Shim discloses (fig 3) a deflection yoke with a coil separator having a screen portion coupled to the screen, a rear cover and a neck portion extending from a central surface of the rear cover, horizontal and vertical deflection coils provided in the inner and outer peripheries of the coil separator, a printed circuit board coupled to the rear cover of the coil separator and having a number of slide grooves with a certain size of separator piece in an upper part, the slide grooves being connected to an edge and a plurality of through-holes at a certain interval under the slide grooves, upper hook pieces (fig 8) projected from a side of the rear cover, each having a rib at one end contacting one side of the circuit board and a protrusion for penetrating one of the slide grooves, lower hook pieces provided at one side of the upper hook pieces, each having a rib and protrusion, anti-release means (3, 5A-C).

Regarding claim 5, Shim discloses (fig 3) side protrusions being connected.

Regarding claim 1, Shim discloses (fig 3) a deflection yoke with a coil separator having a screen portion coupled to the screen, a rear cover and a neck portion extending from a central surface of the rear cover, horizontal and vertical deflection coils provided in the inner and outer peripheries of the coil separator, a printed circuit board coupled to the rear cover of the coil separator and having a number of slide grooves with a certain size of separator piece in an upper part, the slide grooves being connected to an edge and a plurality of through-holes at a certain interval under the slide grooves, upper hook pieces (fig 8) projected from a side of the rear cover, each having a rib at one end contacting one side of the circuit board and a protrusion for penetrating one of the slide grooves,

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lower hook pieces provided at one side of the upper hook pieces, each having a rib and protrusion, anti-release means (3, 5A-C).

Regarding claim 6, Shim discloses (4d) the anti-release means are anti-release fitting lugs.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Cha (US 5745348) discloses a circuit board connection.

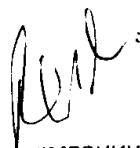
Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ken A Berck whose telephone number is (703)305-7984. The examiner can normally be reached on Mon-Fri 8:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel can be reached on (703)305-4794. The fax phone numbers for the organization where this application or proceeding is assigned are (703)308-7382 for regular communications and (703)308-7382 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)308-0956.

kab
May 16, 2003


NIMESHKUMAR D. PATEL
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800